

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074174.D
 Acq On : 30 Aug 2022 15:44
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 31 05:30:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 05:27:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	241493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.898	114	419969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	385208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	185589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	270617	72.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 144.480%#			
35) Dibromofluoromethane	7.945	113	211557	77.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 154.820%#			
50) Toluene-d8	10.380	98	838310	77.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 155.780%#			
62) 4-Bromofluorobenzene	12.668	95	279759	85.479	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 170.960%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	175777	65.982	ug/l	99
3) Chloromethane	2.269	50	263027	73.805	ug/l	94
4) Vinyl Chloride	2.404	62	250887	71.036	ug/l	98
5) Bromomethane	2.781	94	119985	62.751	ug/l	100
6) Chloroethane	2.946	64	167685	57.630	ug/l	90
7) Trichlorofluoromethane	3.299	101	369961	67.712	ug/l	99
8) Diethyl Ether	3.757	74	150460	67.814	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.134	101	204591	66.446	ug/l	93
10) Methyl Iodide	4.345	142	194227	78.813	ug/l	97
11) Tert butyl alcohol	5.292	59	305349	333.333	ug/l	100
12) 1,1-Dichloroethene	4.110	96	193833	67.450	ug/l	97
13) Acrolein	3.975	56	271035	327.292	ug/l	97
14) Allyl chloride	4.751	41	454764	69.031	ug/l #	93
15) Acrylonitrile	5.469	53	933649	348.016	ug/l	98
16) Acetone	4.216	43	803369	319.304	ug/l	95
17) Carbon Disulfide	4.451	76	564203	69.699	ug/l	98
18) Methyl Acetate	4.769	43	460722	60.763	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	735841	68.925	ug/l	98
20) Methylene Chloride	5.010	84	243473	63.978	ug/l #	86
21) trans-1,2-Dichloroethene	5.504	96	214161	66.601	ug/l	93
22) Diisopropyl ether	6.410	45	878390	69.965	ug/l #	96
23) Vinyl Acetate	6.345	43	4024677	374.615	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	432886	66.701	ug/l	99
25) 2-Butanone	7.257	43	1380436	332.036	ug/l #	87
26) 2,2-Dichloropropane	7.239	77	317442	72.211	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	255159	73.026	ug/l	93
28) Bromochloromethane	7.581	49	151440	60.865	ug/l #	76
29) Tetrahydrofuran	7.604	42	912231	351.705	ug/l #	84
30) Chloroform	7.745	83	425378	64.365	ug/l	99
31) Cyclohexane	8.022	56	423605	68.438	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	358865	71.571	ug/l	97
36) 1,1-Dichloropropene	8.151	75	320327	70.482	ug/l	98
37) Ethyl Acetate	7.334	43	490845	66.715	ug/l #	96
38) Carbon Tetrachloride	8.133	117	302078	71.649	ug/l	98
39) Methylcyclohexane	9.392	83	417432	83.062	ug/l	92
40) Benzene	8.386	78	1018336	74.125	ug/l	98

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41) Methacrylonitrile	7.557	41	242720	70.171	ug/l #	88
42) 1,2-Dichloroethane	8.457	62	338715	67.267	ug/l	100
43) Isopropyl Acetate	8.492	43	737654	74.731	ug/l #	91
44) Trichloroethene	9.145	130	230043	75.560	ug/l	94
45) 1,2-Dichloropropane	9.428	63	265401	69.856	ug/l	96
46) Dibromomethane	9.510	93	172166	71.081	ug/l	90
47) Bromodichloromethane	9.698	83	335164	69.508	ug/l	96
48) Methyl methacrylate	9.498	41	354405	78.063	ug/l	88
49) 1,4-Dioxane	9.504	88	142052	1391.213	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	2565736	363.783	ug/l	89
52) Toluene	10.445	92	606523	75.228	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	369262	81.324	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	407864	77.079	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	245460	69.754	ug/l	96
56) Ethyl methacrylate	10.698	69	428196	81.227	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	433270	70.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1077669	402.259	ug/l	92
59) 2-Hexanone	11.022	43	2013782	368.456	ug/l	88
60) Dibromochloromethane	11.174	129	254348	76.450	ug/l	98
61) 1,2-Dibromoethane	11.286	107	252574	74.170	ug/l	100
64) Tetrachloroethene	10.916	164	196121	71.018	ug/l	95
65) Chlorobenzene	11.710	112	634812	72.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	222930	69.724	ug/l	98
67) Ethyl Benzene	11.780	91	1191284	77.942	ug/l	96
68) m/p-Xylenes	11.892	106	903715	161.546	ug/l	99
69) o-Xylene	12.216	106	446385	78.142	ug/l	99
70) Styrene	12.233	104	732227	80.481	ug/l	99
71) Bromoform	12.398	173	192329	76.669	ug/l #	98
73) Isopropylbenzene	12.516	105	1152820	73.654	ug/l	99
74) N-amyl acetate	12.327	43	634229	73.579	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	419419	63.227	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	333924m	48.517	ug/l	
77) Bromobenzene	12.798	156	258012	71.537	ug/l	87
78) n-propylbenzene	12.857	91	1423359	78.250	ug/l	97
79) 2-Chlorotoluene	12.945	91	810073	72.659	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	947350	72.335	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	135237	75.636	ug/l	90
82) 4-Chlorotoluene	13.045	91	794722	73.335	ug/l	98
83) tert-Butylbenzene	13.263	119	838622	75.708	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	956270	77.364	ug/l	97
85) sec-Butylbenzene	13.439	105	1257288	80.537	ug/l	98
86) p-Isopropyltoluene	13.557	119	993665	84.133	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	487482	71.761	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	493030	71.074	ug/l	100
89) n-Butylbenzene	13.880	91	925777	86.289	ug/l	96
90) Hexachloroethane	14.145	117	177616	74.739	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	493611	72.267	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	92432	65.665	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	289558	87.730	ug/l	98
94) Hexachlorobutadiene	15.304	225	123430	72.311	ug/l	99
95) Naphthalene	15.433	128	1050730	86.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	286399	80.562	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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